



CALIFORNIA  
STATE  
GOVERNMENT



Office of Statewide Health Planning and Development

Open

3SH14

# District Structural Engineer

An equal opportunity employer to all regardless of race, color, creed, national origin, ancestry, sex, marital status, disability, religious or political affiliation, age, or sexual orientation.  
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It is an objective of the State of California to achieve a drug-free work place. Any applicant for State employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service, and the special trust placed in public servants.

WHO SHOULD APPLY	This is an open examination. Applications will not be accepted on a promotional basis. Career credits do not apply.
HOW TO APPLY	Applications (State Form 678) are available and may be filed in person, or by mail with the Office of Statewide Health Planning and Development, Personnel Office, Attn: Valerie Kimura, 1600 9th Street, Room 350, Sacramento, California 95814. Application Form 678 must be <b>POSTMARKED</b> no later than the final filing date. Applications postmarked, personally delivered or received via interoffice mail after the final filing date will not be accepted for any reason.
FINAL FILING DATE	January 2, 2004
SPECIAL TESTING ARRANGEMENTS	If you have a disability and need special testing arrangements, mark the appropriate box in Part 2 of the "Application for Examination." You will be contacted to make specific arrangements.
SALARY RANGE	\$5862 - \$7125
ELIGIBLE LIST INFORMATION	An open eligible list will be established for the Office of Statewide Health Planning and Development. The list will be abolished 24 months after it is established unless the needs of the service and conditions of the list warrant a change in this period.
REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION	<p><i>NOTE: All applicants must meet the education and/or experience requirements for this examination by the final filing date.</i></p> <p>Possession of a valid certificate to use the title of "Structural Engineer" under the statutes regulating the practice of civil engineering in California.</p> <p style="text-align: center;"><b>and</b></p> <p><u>Experience:</u> Five years of structural engineering experience involving the performance of increasingly complex duties, including one or a combination of the following:</p> <ol style="list-style-type: none"><li>One year of experience equivalent in responsibility to that of a Senior Structural Engineer in charge of major structural design, which shall have included experience in construction work. or</li><li>One year of responsible experience equivalent in responsibility to that of a Senior Structural Engineer in checking of plans for schools, hospitals, or public District buildings which shall have included experience as a field supervisor of school, hospital, or public building construction work.</li></ol> <p style="text-align: center;"><b>and</b></p> <p><u>Education:</u> Equivalent to graduation from college with major work in civil or architectural engineering, (Additional qualifying experience may be substituted for the required education on a year-for-year basis.)</p> <p><i>NOTE: Accepted applicants are required to bring either a photo identification card or two forms of signed identification to each phase of the examination.</i></p>
SPECIAL PERSONAL CHARACTERISTIC	Willingness to travel; tact.
POSITION STATEMENT	Under general direction in an assigned district, to have charge of difficult and complex field structural engineering work relating to the design and inspection of school, hospital and State buildings and other structures or groups of structures; and to do other related work. In an assigned district, has charge of field supervision of important structures or groups of structures under construction; checks for compliance with State requirements and makes inspections to detect structural deficiencies; examines buildings to determine their ability to withstand earthquakes, fire and wind and to carry safely such loads as may be imposed; consults with and advises architects, engineers, contractors, public officials, enforcement officers, and others with reference to the structural engineering requirements and problems; conducts investigations and holds conferences on enforcement problems relating to State regulations; effectively resolves differences or carries through the necessary enforcement measures; examines soil conditions and supervises soil load tests to determine the load carrying capacity of the foundation soil and proper types of foundation and depth to which they should be carried; checks specifications for various types of public buildings and structures; and prepares reports.
POSITION EXIST AT	Positions exist in Sacramento and Los Angeles with the Office of Statewide Health Planning and Development.
EXAMINATION INFORMATION	<p>The size of the candidate group will determine the type of examination administered. It will be anticipated that the exam interviews or application evaluation will be held in the months of February – March 2004. The exam will either consist of:</p> <ol style="list-style-type: none"><li>A qualifications appraisal interview. In order to obtain a position on the eligible list, a minimum rating of 70% must be attained.</li></ol> <p style="text-align: center;"><b>Or</b></p> <ol style="list-style-type: none"><li>An evaluation of each candidate's experience and education compared to a standard developed from the class specification. For this reason, it is especially important that each candidate take special care in accurately and completely filling out their application. List all experience relevant to the</li></ol>

	<p>“Requirements for Admittance to the Examination” shown on this announcement, even if that experience goes beyond the seven-year limit printed on the applications. Supplementary information will be accepted, but read the “Requirements for Admittance to the Examination” carefully to see what kind of information will be useful to the staff doing the evaluation.</p> <p><b>Please include your Structural Engineering license, certification number and expiration date on your application.</b></p>
SCOPE	<p>In addition to evaluating the competitors' relative abilities as demonstrated by quality and breadth of experience, emphasis in the examining interview will be measuring competitively, relative to job demands, each competitor's:</p> <p>A. Knowledge of:</p> <ol style="list-style-type: none"><li>1. Graphostatics and stress analysis.</li><li>2. Strength, properties, and uses of the materials of building construction.</li><li>3. Specifications, loadings, and building codes applying to buildings and other structures.</li><li>4. Soil mechanics applying to building construction.</li></ol> <p>B. Skill in:</p> <ol style="list-style-type: none"><li>1. Reviewing and judging the quality of office and field structural engineering work.</li></ol> <p>C. Ability to</p> <ol style="list-style-type: none"><li>1. Make technical investigations of and recommendations on structural engineering problems.</li><li>2. Meet and deal effectively with and win the confidence and respect of public officials, architects, engineers, contractors, and others contacted in connection with the enforcement of regulations relating to structural design of schools, hospitals, and public buildings.</li><li>3. Analyze situations and adopt an effective course of action.</li><li>4. Prepare technical specifications and write comprehensive but concise reports.</li></ol>
QUESTIONS?	<p>If you have any questions concerning this examination, please contact the Examination Services Unit at (916) 654-2752.</p>

GENERAL INFORMATION

It is the candidate's responsibility to contact the Personnel Office at (916) 654-2752, three days prior to the test date if he/she has not received his/her notice.

For an examination without a written feature it is the candidate's responsibility to contact the Personnel Office at (916) 654-2752, three weeks after the final filing date if he/she has not received a progress notice.

If a candidate's notice of oral interview or performance test fails to reach him/her prior to the day of the interview due to a verified postal error, he/she will be rescheduled upon written request.

Applications are available at State Personnel Board Offices, local office of the Employment Development Department and the Office of Statewide Health Planning and Development.

If you meet the requirements stated on the reverse, you may take this examination, which is competitive. Possession of the entrance requirements does not assure a place on the eligible list. Your performance in the examination will be compared with the performance of the other candidates, and all candidates who pass will be ranked according to their scores.

The Department reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all components will be notified.

**EXAMINATION LOCATIONS:** When a written test is part of the examination, it will be given in such places in California as the number of candidates and conditions warrant. Ordinarily, oral interviews are scheduled in Sacramento and Los Angeles. However, locations of interviews may be limited or extended as conditions warrant.

**ELIGIBLE LISTS:** Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) subdivisional promotional, 2) departmental promotional, 3) multidepartmental promotional, 4) servicewide promotional, 5) departmental open, 6) open. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four years unless otherwise stated on the bulletin.

**GENERAL QUALIFICATIONS:** Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgement, and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history and fingerprinting may be required.

**INTERVIEW SCOPE:** If an interview is conducted, in addition to the scope described on the other side of this bulletin, the panel will consider education, experience, personal development, personal traits, and fitness. In appraising experience, more weight will be given to the breadth and recent of pertinent experience and evidence of the candidate's ability to accept and fulfill increasing responsibilities than to the length of his/her experience. Evaluation of a candidate's personal development will include consideration of his/her recognition of his/her own training needs; his/her plans for self-development.

Office of Statewide Health Planning and Development  
Personnel Office, 1600 9<sup>th</sup> Street, Room 350, Sacramento, California 95814, (916) 654-2752  
California Relay Telephone Service for the deaf or hearing impaired:  
TDD Voice 1-800-735-2922 Refer to (916) 654-2752